

Title (en)
INTERMETALLIC COMPOUNDS

Title (de)
INTERMETALLISCHE VERBINDUNGEN

Title (fr)
COMPOSES INTERMETALLIQUES

Publication
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Application
EP 01983681 A 20011115

Priority
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Abstract (en)
[origin: WO0240748A1] A method for the production of an intermetallic compound (M<1>Z) involves treating a solid precursor material comprising three or more species, including first and second metal or metalloid species (M<1>, Z) and a non-metal species (X), by electro-deoxidation in contact with a melt comprising a fused salt (M<2>Y) under conditions whereby the non-metal species dissolves in the melt. The first and second metal or metalloid species form an intermetallic compound. The method is performed in a cell comprising a cathode of the precursor material (2), which is immersed in a melt (8) contained in a crucible (6) for electro-deoxidation.

IPC 8 full level
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